

California RoHS Exemptions Worksheet

Please identify the EU RoHS exemptions that currently or potential could apply to covered electronic devices under CA RoHS and if possible, please indicate the component part(s) that are exempted.

1. Mercury in compact fluorescent lamps

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|---------------------------------------|---------------------------------|---------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> CRT device | <input type="checkbox"/> CRTs | <input type="checkbox"/> CRT monitors | <input type="checkbox"/> LCD laptop | <input type="checkbox"/> DVD player |
| <input type="checkbox"/> LCD monitors | <input type="checkbox"/> CRT TV | <input type="checkbox"/> LCD TV | <input type="checkbox"/> Plasma TV | |

Comments _____

2. Mercury in straight fluorescent lamps for general purposes

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| <input type="checkbox"/> CRT device | <input type="checkbox"/> CRTs | <input type="checkbox"/> CRT monitors | <input type="checkbox"/> LCD laptop | <input type="checkbox"/> DVD player |
| <input type="checkbox"/> LCD monitors | <input type="checkbox"/> CRT TV | <input type="checkbox"/> LCD TV | <input type="checkbox"/> Plasma TV | |

Comments _____

3. Mercury in compact fluorescent lamps for special purposes

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| <input type="checkbox"/> CRT device | <input type="checkbox"/> CRTs | <input type="checkbox"/> CRT monitors | <input type="checkbox"/> LCD laptop | <input type="checkbox"/> DVD player |
| <input type="checkbox"/> LCD monitors | <input type="checkbox"/> CRT TV | <input type="checkbox"/> LCD TV | <input type="checkbox"/> Plasma TV | |

Comments _____

4. Mercury in other lamps not specifically mentioned in the EU Directive

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| <input type="checkbox"/> CRT device | <input type="checkbox"/> CRTs | <input type="checkbox"/> CRT monitors | <input type="checkbox"/> LCD laptop | <input type="checkbox"/> DVD player |
| <input type="checkbox"/> LCD monitors | <input type="checkbox"/> CRT TV | <input type="checkbox"/> LCD TV | <input type="checkbox"/> Plasma TV | |

Comments _____

5. Lead in glass of cathode ray tube, electronic components and fluorescent tube (The exemption applies to lead as a constituent in the glass used in CRTs, electronic components and fluorescent tubes)

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| <input type="checkbox"/> CRT device | <input type="checkbox"/> CRTs | <input type="checkbox"/> CRT monitors | <input type="checkbox"/> LCD laptop | <input type="checkbox"/> DVD player |
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Comments _____

6. Lead as an alloying element in steel

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| <input type="checkbox"/> LCD monitors | <input type="checkbox"/> CRT TV | <input type="checkbox"/> LCD TV | <input type="checkbox"/> Plasma TV | |

Comments _____

7. Lead in high melting temperature type solders

- Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signaling, transmission as well as network management for telecommunication
- Lead in electronic ceramic parts

- | | | | | |
|---------------------------------------|---------------------------------|---------------------------------------|-------------------------------------|-------------------------------------|
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| <input type="checkbox"/> LCD monitors | <input type="checkbox"/> CRT TV | <input type="checkbox"/> LCD TV | <input type="checkbox"/> Plasma TV | |

Comments _____

8. Cadmium and its compounds in electrical contacts and cadmium plating except for applications banned under Directive 91/338/EEC

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| <input type="checkbox"/> LCD monitors | <input type="checkbox"/> CRT TV | <input type="checkbox"/> LCD TV | <input type="checkbox"/> Plasma TV | |

Comments _____

9. Hexavalent chromium as an anti-corrosive for of carbon steel cooling system in absorption refrigerators

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Comments _____

10. Deca BDE in polymeric applications (N/A)

11. Lead in lead-bronze bearing shells and bushes

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| <input type="checkbox"/> CRT device | <input type="checkbox"/> CRTs | <input type="checkbox"/> CRT monitors | <input type="checkbox"/> LCD laptop | <input type="checkbox"/> DVD player |
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Comments _____

12. Lead used in compliant pin connector system

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Comments_____

13. Lead as a coating material for the thermal conduction module c-ring

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Comments_____

14. Lead and cadmium in optical and filter glass

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Comments_____

15. Lead in solders consisting of more than two elements for the connection between the pins and the package of microprocessors

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Comments_____

16. Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit Flip Chip packages

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Comments_____

17. Lead halide as a radiant agent in high-intensity-discharge lamps used for professional reprography applications

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Comments_____

18. Lead as an activator in the fluorescent power of discharge lamps when used as suntanning lamps or as specialty lamps for diazo-printing reprography, lithography, insect traps or photochemical or curing processes

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Comments_____

19. Lead with PbBiSn-Hg (lead-bismuth-tin-mercury) or PbInSn-Hg (lead-Indium-tin-mercury) in specific compositions as the main amalgam and with PbSn-Hg (lead-bismuth-mercury) as the auxiliary amalgam in very compact energy-saving lams

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Comments_____

20. Lead oxide in glass used for bonding the front and rear substrates of flat fluorescent lamps used for liquid crystal displays

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Comments_____

21. Lead and cadmium in printing inks for the application of enamels on borosilicate glass

<input type="checkbox"/> CRT device	<input type="checkbox"/> CRTs	<input type="checkbox"/> CRT monitors	<input type="checkbox"/> LCD laptop	<input type="checkbox"/> DVD player
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Comments_____

22. Lead as an impurity in RIG (rare earth iron garnet) Faraday rotators for fiber optic communications systems

<input type="checkbox"/> CRT device	<input type="checkbox"/> CRTs	<input type="checkbox"/> CRT monitors	<input type="checkbox"/> LCD laptop	<input type="checkbox"/> DVD player
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Comments_____

23. Lead in finishes of fine-pitch components other than connectors with a pitch of 0.65 millimeters or less with NiFe lead frames and lead in finishes of fine-pitch components other than connectors with a pitch of 0.65 mm or less with copper-lead frames

<input type="checkbox"/> CRT device	<input type="checkbox"/> CRTs	<input type="checkbox"/> CRT monitors	<input type="checkbox"/> LCD laptop	<input type="checkbox"/> DVD player
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Comments_____

24. Lead in solders for the soldering of machined through-hole discoidal and planar array ceramic multilayer capacitors

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Comments _____

25. Lead oxide in plasma display panels and surface conduction electron emitter displays used in structural elements, notably in the front and rear glass dielectric layer, the bus electrode, the black stripe, the address electrode, the barrier ribs, the seal frit and the frit ring, as well as in print pastes

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Comments _____

26. Lead oxide in the glass envelope of black-light blue lamps

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Comments _____

27. Lead alloys as solder for transducers used in high-power loudspeakers (designed to operate for several hours at acoustic power levels of 125 decibels SPL [sound pressure level] and above)

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Comments _____

28. Hexavalent chromium in corrosion-prevention coatings of unpainted metal sheetings and fasteners used for corrosion protection and electromagnetic interference shielding in equipment falling under a specific EU Directive covering IT and telecommunications equipment (exemption granted until July 1, 2007)

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Comments _____

29. Lead bound in crystal glass as defined in a specific EU Directive

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Comments _____

Your contact information (optional)

Name:

Title:

Company:

Website:

Address:

Tel:

Fax:

Email Address:

Please submit worksheet to:

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Department of Toxic Substances Control
Hazardous Waste Management Program
Regulatory and Program Development Division
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